BOROUGH OF CHELMSFORD

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

Year ended 31st December, 1947

J. MERVYN THOMAS, M.D., B.Sc., D.P.H., M.R.San.I.

Medical Officer of Health.

School Medical Officer.

Medical Officer—Maternity and Child Welfare.

Medical Superintendent—Joint Isolation Hospital.

CHELMSFORD:

John Dutton Ltd., 6, Tindal Street and 91, High Street.

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PUBLIC HEALTH OFFICERS OF THE BOROUGH.

Medical Officer of Health :

J. MERVYN THOMAS, M.D., B.Sc., D.P.H., M.R.San.I.

Senior Sanitary Inspector :

R. F. WYNN, C.R.S.I., M.S.I.A.

Sanitary Inspectors :

E. ALTY, C.R.S.I., M.S.I.A.
T. B. HOOD, C.R.S.I., M.S.I.A.

Health Visitors :

Miss E. E. GLASCODINE, S.R.N., S.C.M., H.V.Cert.
Miss M. MAKINGS, S.R.N., S.C.M., H.V. Cert.
Miss H. M. HALL, S.R.N., S.C.M., H.V. Cert.
Mrs. E. LUCEY, S.R.N., S.C.M., H.V. Cert.

Chief Clerk :

T. W. BUNTER, M.R. San. I.

Clerks :

G. H. D. BROWN.
(D. G. RUMSEY, Resigned October, 1947).
D. L. GIFFORD. Appointed October, 1947.
Miss E. POULTON.
Miss V. DEVONISH.

Matron, Day Nursery, Waterloo Lane :

Miss SYMMONS.

Sanitary Inspector's Department :

S. V. EDWARDS.

Dental Surgeon (part-time) :

FRANCIS V. MAGUIRE, L.D.S., R.C.S. (Eng.)

Dental Attendant :

Miss R. LEEKS.

Veterinary Inspector (part-time) :

Mr. H. G. McSHANE, M.R.C.V.S.

ANNUAL REPORT, 1947.

Mr. Mayor, Ladies and Gentlemen,

I have pleasure in presenting my Ninth Annual Report as Medical Officer of Health, in which the health of the Borough of Chelmsford has continued at a high level with minimal disturbance in the nature of Infectious Disease or set back due to ill-health.

The Birth Rate is 21.88 per 1,000, the Death Rate 9.86 per 1,000, and with great pride we can record the low Infant Mortality Rate of 25.97 per 1,000 (England and Wales, 41), which must always be a reflection of the benefit to the very immature infant of the services we accept as our responsibility. Briefly we have a higher birth rate, lower death rate, both over and under one year of age than the rest of England and Wales.

The keynote of good health must assuredly have its origin in good healthy homes. By this I embrace physical health standards and the more difficult question of happy family relationships. Both can and do undermine the constitution of health which for completion must be a " Sense of Well-being " as well as of " being well." To this end I would like to make reference to the most excellent service to public health that has been done by the Housing Committee of this Borough in extending the sphere of housing and erecting some 237 houses to which must be added some 80 houses by private enterprise. That the health services themselves in their present form have become strained is only natural and it is hoped that extra provision will be made in the future.

The vastly increased numbers attending the infant welfare clinics during the year from the previous year (19,790 in 1947 ; 11,391 in 1946), have prevented the nurses from completing their personal visiting to the homes, but even so, this figure too has been raised by 19, (Home Visits 1947, 4,056 ; in 1946, 4,037). The careful attention of these officers and the watchful supervision of infestation, and of food handling by the Chief Sanitary Inspector play no little part in the general health scheme. It would not be possible or desirable to elaborate fully on the year's work, but I refer in name to matters that have had the attention of the Committees with emphasis during the year under review.

Maternity and Child Welfare.

Site of New Maternity Home.

Midwives trained in analgesia.

Technical Students trained in the Nursery.

Adoption of Children (Regs.) 1939 Section and (3) Physical Act, 1936.

Food Centres at Clinic.

Provision of Extra Maternity Accommodation at Lionmede, and Brooklands Maternity Homes.

National Uniform for Midwives.

PUBLIC HEALTH.

Ice-Cream.	Special Report by the Medical Officer of Health and Chief Sanitary Inspector. Decision by Council to print the grading of Ice-cream samples in the Council Minutes.
Water.	Recommendation to examine all water employees to ensure absence of Typhoid Carriers. Also in the Catering sections when desirable.
Floods.	The Public Health Department assisted by arranging the distribution of Foods and clothing from the Coval Lane Clinic.
Infantile Paralysis.	During the season there was considerable rise in the incidence of this very crippling disease. As the mode of transmission is in doubt and the onset so sudden, it was decided to limit the attendance at clinics, the closing of Saturday Children's Cinemas, and the supervision of the swimming pool.
Sickness in School.	There was an outbreak of food poisoning at the Girls' High School. This was quickly traced and quickly subsided.

Once again no case of Diphtheria has been notified or admitted to the Isolation Hospital from the Borough during the year. The Immunization for Diphtheria and Whooping Cough (Pertussis) has continued to increase and few parents accept either of the innoculations alone, but prefer the combined injection which in practice means three injections at monthly intervals and a boosting dose at the end of two years for Whooping Cough, and a boosting dose at five yearly intervals for Diphtheria (i.e. initial injections one year old and boosting doses at five, ten, and 15, for Diphtheria).

The Home Help Scheme has not been a success. There have been relatively few asking for this Service, and it has been almost impossible to persuade people to undertake this essential Service.

The Nursery has continued under the able supervision of Miss Symmons, our Matron and her Staff, and the high weekly average is in no small measure due to this. All the children attending the Nursery are immunized for Diphtheria and Whooping Cough, and I am pleased to record no case of either having occurred during the year or winter.

The Dental Department has continued to inculcate good dental habits and training in the under five year olds, and is much appreciated by parents.

In the preparation of this Report, I am indebted to my Chief Clerk, Mr. T. W. Bunter ; to the Nursing Staffs, and Dental Officer for its substance, and the able and willing voluntary helpers without whose services the work would be much more difficult and tedious. Finally, a tribute to my Chairman and Committees for their sympathetic consideration.

I am, your Obedient Servant,

J. MERVYN THOMAS,

MEDICAL OFFICER OF HEALTH.

August, 1947.

Circulars, etc., received during the year 1947.

Circular.	No.	Title.
Ministry of Health Circular ..	159/46 ..	Motor cars for Domiciliary Midwives.
Do. ..	18/47 ..	Appointment of Part-time Nurses.
Do. ..	11/47 ..	Salaries of Nurses and Midwives.
Do.	30/47 ..	Recruitment of Wardens for Nurseries.
Ministry of Education	135/47 ..	Recruitment of Wardens for Nurseries.
Ministry of Health Circular ..	55/47 ..	Civil Nursing Reserve.
Do. ..	63/47 ..	Nurses' Salaries.
Do. ..	81/47 ..	Nurses Act, 1943, Nurses Regulations, 1945–1947, and Nurses Agencies Regulations, 1945 and 1947.
Do. ..	82/47 ..	Salaries of Mental Nurses and Midwives.
S.C. Notes	3/47 ..	Salaries of Midwives.
Do.	15/47 ..	Nurses Salaries Committee.
Ministry of Health	27/47 ..	National Health Service Act.
Do.	61/47 ..	Housing—Standards of Fitness.
Do.	66/47 ..	National Health Service Act, 1946.
Do.	80/47 ..	Town and Country Planning Act, 1944.
Do.	84/47 ..	Public Health (Tuberculosis) Regulations, 1940.
Do.	134/47 ..	Administration of Hospital Services after the appointed day.
Do. ..	113/47 ..	Financial assistance to intending Physiotherapy Teachers.
Do. ..	124/47 ..	Part-time Nursing.
Do.	149/47 ..	Revised Regulations of National Nursery Examination Board.
Ministry of Education	53/47 ..	Revised Regulations of National Nursery Examination Board.

Statistics and Social Conditions of the Area.

AREA (in acres)	4,755.
POPULATION, 1947 ..	35,190 (Registrar-General's estimate of resident population, mid-year). 26,537 (Census, 1931).
NUMBER OF INHABITED HOUSES (end of 1947) according to Rate Books	10,014.
RATEABLE VALUE (1st April, 1947)..	£355,481.
SUM REPRESENTED BY A PENNY RATE (year ending 31st March, 1947)	£1,432.

Extracts from Vital Statistics.

BIRTHS.

		Total.	Male.	Female.	
Live Births	Legitimate ..	731 ..	385 ..	346	Birth Rate per 1,000 of the estimated resident population mid-1947—21.88.
	Illegitimate ..	39 ..	20 ..	19	
	Totals ..	770 ..	405 ..	365	
Still Births	Legitimate ..	13 ..	10 ..	3	Rate per 1,000 total (live and still) births —16.002.
	Illegitimate ..	— ..	— ..	—	
	Totals ..	13 ..	10 ..	3	
DEATHS		347 ..	178 ..	169	Death Rate per 1,000 of the estimated resident population —9.86.

Deaths from Puerperal causes :—	
Puerperal Sepsis	Nil.
Other Maternal causes	Nil.
Death Rate of Infants under one year of age :—	
All Infants per 1,000 births	25.97
Legitimate Infants per 1,000 legitimate live bitrhs	24.67
Illegitimate Infants per 1,000 illegitimate live births	25.64
Deaths from Cancer (all ages)	66
Deaths from Measles (all ages)	2
Deaths from Whooping Cough (all ages)	Nil.
Deaths from Diarrhoea, etc. (under 2 years of age)	1

BIRTH RATES, CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR, 1947.

(*Provisional figures based on weekly and quarterly returns.*)

*Per 1,000 related births †Rates per 1,000 total population	England and Wales	126 County Boroughs and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Administrative County
	Rates per 1,000 Civilian Population			
Births.				
Live	†20.5	23.3	22.2	22.7
Still	†0.50	0.62	0.54	0.49
Deaths.				
All Causes..	†12.0	13.0	11.9	12.8
Typhoid and Paratyphoid ..	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00
Whooping Cough..	0.02	0.03	0.02	0.02
Diphtheria	0.01	0.01	0.01	0.01
Influenza	0.09	0.09	0.08	0.08
Smallpox	0.00	0.00	0.00	—
Measles	0.01	0.02	0.02	0.01
	Rates per 1,000 Live Births.			
Deaths under one year of age ..	‡41	47	36	37
Deaths from Diarrhoea and Enteritis under two years of age	5.8	8.0	3.7	4.8
	Rates per 1,000 Civilian Population.			
Notifications.				
Typhoid Fever	0.01	0.01	0.00	0.01
Paratyphoid Fever	0.01	0.01	0.01	0.01
Cerebro Spinal Fever	0.05	0.06	0.05	0.05
Scarlet Fever	1.37	1.54	1.37	1.31
Whooping Cough..	2.22	2.41	2.02	2.80
Diphtheria	0.13	0.15	0.14	0.14
Erysipelas..	0.19	0.21	0.18	0.22
Smallpox	0.00	0.00	0.01	0.00
Measles	9.41	9.13	9.58	5.29
Pneumonia	0.79	0.89	0.68	0.64
	Rates per 1,000 Total Births (Live and Still)			
(a) *Notifications.*				
Puerperal Fever .. .. } Puerperal Pyrexia }	7.16	8.99	6.27	{ 1.21 **6.94

(b) *Maternal Mortality* (*England and Wales*).

No. 140 Abortion with Sepsis	No. 141 Abortion without Sepsis	No. 147 Puerperal Infections	Nos. 142–146, 148–150 Other Maternal Causes
0.10	0.06	0.16	0.85

Abortion : Mortality per million women aged 15–44 (*England and Wales*)

No. 140 with Sepsis	No. 141 without Sepsis
9	5

**Including Puerperal Fever.
‡Per 1,000 related births.
†Rates per 1,000 total population.
—Signifies no deaths.

Deaths.

DEATHS AT VARIOUS AGES DURING THE YEAR 1947.

Under 1	1–2	2–5	5–15	15–25	25–35	35–45	45–55	55–65	65–75	75 +
23	2	1	4	4	3	10	21	50	93	136

DEATHS FROM ALL CAUSES, 1947.

Causes of Death	Males	Females	Total
Typhoid and Paratyphoid Fevers	—	—	—
Measles	1	1	2
Scarlet Fever	—	—	—
Whooping Cough	—	—	—
Diphtheria	—	—	—
Influenza	—	2	2
Cerebro-Spinal Fever	—	—	—
Tuberculosis of the Respiratory System	7	3	10
Other Tuberculosis Diseases	1	—	1
Syphilitic Diseases	1	—	1
Cancer of b. Cav. and Oesoph (M); Uterus (F)	6	2	8
Cancer of Stomach and Duodenum	6	3	9
Cancer of other sites	24	21	45
Cancer of Breast	—	4	4
Diabetes	—	1	1
Intra Cran. Vasc. Lesions	18	23	41
Heart Disease	56	39	95
Other Circulatory Diseases	7	6	13
Bronchitis	10	8	18
Pneumonia	9	6	15
Other Respiratory Diseases	2	1	3
Nephritis	2	3	5
Puerperal and Post-abortion : Sepsis	—	—	—
Other Maternal Causes	—	—	—
Con. Mal., birth injury, Infant dis.	4	10	14
Premature Birth	—	1	1
Suicide	—	3	3
Other Violent Causes	4	8	12
Road Traffic Act	—	2	2
For all other Causes	16	19	35
Poliomyelitis	—	—	—
Acute Infant Encephalitis	—	—	—
Ulcer of Stomach or Duodenum	1	—	1
Diarrhoea, etc. (under two years of age)	1	—	1
Appendicitis	—	1	1
Other Digestive Diseases	2	2	4
Totals	178	169	347

General Provision of Health Services.

Public Health Officers of the Authority (See Page 1).

Nursing in the home.

General.

There are four District Nurses practising in the Borough.

Laboratory Facilities.

Pathological and bacteriological examinations and analysis of water, milk, food, etc., are made by arrangement with the Essex County Council Laboratories.

Legislation in Force.

Ministry of Health Circulars and Amendments, etc., received during the year have been mentioned.

Chelmsford and Essex Hospital.

Out-Patient Clinics.

Monday—9 a.m.	Orthopædic	Mr. H. A. H. Harris, F.R.C.S.
10 a.m.	Medical	H. Bathurst-Norman, D.M., M.R.C.P.
2 p.m.	Surgical	P. G. C. Martin, M. Chir., F.R.C.S.
2 p.m.	Psychiatric	N. Copeland, M.B., D.P.M.
Tuesday—9 a.m.	Surgical	M. D. Sheppard, F.R.C.S.
2 p.m.	Ear, Nose and Throat	A. Martin-Henry, M.R.C.S., L.R.C.P., L.D.S.
10 a.m.	Diabetic Clinic	
Wednesday—9 a.m.	Dental	A. King, L.D.S.
10 a.m.	Diseases of the Rectum and Anus	P. G. C. Martin, M. Chir., F.R.C.S.
10 a.m.	Medical	R. Sleigh-Johnson, M.D., M.R.C.P.
Thursday—9 a.m.	Genito-Urinary	M. D. Sheppard. F.R.C.S.
1.30 p.m.	Dermatological	Richard E. A. Price, M.B.
2 p.m.	Neurological	P. Buckley, M.R.C.P.
Friday—9 a.m.	Surgical (including Orthopædics)	H. A. H. Harris, F.R.C.S.
1.30 p.m.	Ophthalmic	R. McIver Paton, F.R.C.S.
Saturday—10 a.m.	Children	C. B. M. Warren, M.R.C.P., D.C.H.

Patients will not be seen at the above Clinics except by appointment, application to the Registration Clerk, Chelmsford Hospital, Telephone 3481, and MUST bring with them a letter from their Doctor giving details of the case.

Private Patients can be seen at the Hospital, similar arrangements to be made through the Registration Clerk regarding appointments. Intimation must be given when making appointment as to whether the case is private or not.

Printed Post Cards are obtainable, on application to the Hospital, for making appointments by post.

The following Essex County Council Clinics are also held at the Chelmsford Hospital, but it is not necessary for appointments to be made for patients attending these Clinics.

Tuesday—2.30 p.m. ..	.. Ante-Natal.
Wednesday—1.30 p.m.	.. Mental Diseases (2nd, 4th and 5th weeks).
Thursday—4 p.m. to 6 p.m.	.. Venereal Diseases.
Friday—10.30 a.m. to noon	.. Venereal Diseases.

HOSPITALS.

St. John's Hospital (controlled by the Essex County Council).

The Chelmsford Joint Isolation Hospital.

Tuberculosis Clinics are held at the Essex County Council Hospital, Broomfield.

AMBULANCE FACILITIES.

(a) *For Infectious Cases.* A motor ambulance is maintained by the Chelmsford Joint Hospital Board for conveyance of patients. In addition an older motor ambulance is in use for carrying articles for disinfection and disinfestation.

(b) *For Non-Infectious and Accident Cases ;* and

(c) *For Maternity Patients.*

These cases are dealt with by the Borough Ambulance Service.

SMALLPOX.

Arrangements as in previous years.

PUBLIC VACCINATORS.	*District.*
Dr. I. C. P. Beauchamp, " Farleigh ", London Road, Chelmsford ..	Chelmsford and Widford.
Dr. R. W. Willcocks, 194, Springfield Road, Chelmsford ..	Springfield Ward, Springfield, etc.
Dr. J. T. Whitley, " Thorneybrook ", London Road, Chelmsford ..	Broomfield, etc.
Dr. Tudor Pembleton, Kitts Croft, Writtle ..	Writtle, etc.

MATERNITY.

Our arrangement for the institutional treatment at St. John's Hospital, Wood Street, of cases of complications arising during pregnancy or confinement, and for cases

where the home environment is unsatisfactory, remains as before. The full charge for maintenance and treatment is 11/8d. per day. This charge is subject to reduction if the person's income is below the Council's Income Scale Assessment.

239 Borough cases were admitted to St. John's Hospital for confinement during the year, compared with 236 in 1946.

Ante-Natal Services.

The Ante-Natal and Post-Natal Clinics are held every Wednesday afternoon. Mothers are encouraged to attend six weeks or so after confinement for post-natal examination.

In addition, married women, where pregnancy would endanger health, are on their request given instructions in birth control.

Institutional Provision for—

(a) *Unmarried Mothers.* The only arrangement is that supplied by the Borough and the Essex County Council Public Assistance Committee. After the lying-in period, however, they may be helped by the Girls' Aid Society, who have a Hostel just outside the Borough. There is also a Home at Ardmore, Buckhurst Hill, for unmarried mothers and their children.

(b) *For Illegitimate Infants and Homeless Children.* The Public Assistance Institution is available.

Premature Infants.

Arrangements have been made between the hospitals and this Authority to insure the follow-up of premature infants on discharge. Notification, with complete record of child's progress while in hospital, is received from the Medical Officer in Charge of the Maternity Section. Health Visitors follow-up soon after receiving above information.

Public Health Act, 1936.

Chelmsford Women's Welfare Clinic.

Number of patients attended during the year 1947	34

Child Life Protection.

(*a*) Number of persons who were receiving children for reward at the end of the year	9
(*b*) Number of Children on Register :—	
(1) At the end of the year	9
(2) Who died during the year	Nil.
(3) On whom inquests were held during the year	Nil.
(*c*) Proceedings taken during the year :—	
(1) Number of cases	Nil.
(2) Act and Section under which the proceedings were taken ..	Nil.

Adoption of Children (Section 7 of the Adoption of Children (Regulation) Act, 1939).

(*a*) Number of persons who gave notice under Section 7 (3) during the year 12

(*b*) Total number of children in respect of whom notice was given under Section 7 (3) during the year 12

(*c*) Number of children notified under Section 7 (3) :—

(1) Under supervision at the end of the year 7
(2) Who died during the year .. .. Nil.
(3) On whom inquests were held during the year .. .. Nil.

(*d*) Particulars and results of any proceedings taken during the year Nil.

Municipal Midwives.

(1)	Mrs. M. E. Harris ..	79, Springfield Park Avenue ..	Tel. No. 3815.
(2)	Miss E. M. Miller ..	"Lonicera," St. Mildred's Road..	Tel. No. 3816.
(3)	Mrs. M. Aldred ..	40, Kings Road	Tel. No. 3817.
(4)	Miss M. A. Wilkins ..	5, Bruce Grove	Tel. No. 2438.
(5)	Miss I. G. Westlake .. (Relief Midwife)	65, First Avenue	Tel. No. 4552.

Inspection of Nursing Homes, etc.

Inspections are carried out by the Essex County Council, which is the Local Supervising Authority.

Nursing Homes.

(1) "Brooklands," London Road.
(2) St. John's Maternity Home, Broomfield Road.
(3) "Lionmede,' Springfield Road.

Prevention of Blindness.

No cases occurred requiring action under Section 176 of the Public Health Act, 1936.

Maternity and Child Welfare.

CLINICS AND TREATMENT CENTRES.

These are set out in the Table on page 20.

Attendances at Infant Welfare Centres.

Children 0 to 5 years	11,391 ..	19,790
Number who attended for the first time during the year :—		
Children under 1 year	644 ..	895
Children between 1 and 5 years	771 ..	547
	1,415 ..	1,442

Ante-Natal Clinic.

	1946.	1947.
Attendances	479	510

Post-Natal Clinic.

Attendances	117	178

HEALTH VISITING.

The Health Visitors have made the following visits during the year :—

	1st Visit.	Total Visits.
To expectant mothers	87	146
To children under 1 year of age	718	1,800
To children between the ages of 1 and 5 years	—	2,110
Totals	805	4,056

MILK AND OTHER FOODS.

The Maternity and Child Welfare Committee have instituted a scheme to supplement feeding in necessitous and difficult cases on the recommendation of the Medical Officer.

DENTAL SERVICE.

Dental treatment for expectant and nursing mothers and children under five years of age has been carried out during the year, and the following is a summary of the work :—

Number of attendances made by patients	1,112
Number of patients treated	1,016
Fillings—	
Permanent teeth	110
Temporary teeth	179
Extractions—	
Permanent teeth	182
Temporary teeth	54
Other Operations—	
Permanent teeth	461
Temporary teeth	716
Administration of general anæstheties for extractions	130
Local anæstheties	54
Number of sessions held	93

Sanitary Circumstances of the Area.

WATER.

The quality of the water has at all times been of a satisfactory standard for public supply purposes.

The quantity in the past year has been sufficient to meet the needs of the Town, but owing to increasing demands steps have been taken to augment the supply. Application has been made to the Ministry of Health for this purpose and also to carry

out the necessary works for dealing with the additional water and improving the supply to the Town generally.

Bacteriological examination of the raw and final water is made daily from the Sandford Mill Station which draws its supply from the River Chelmer, and weekly analyses are made of the water derived from boreholes and springs. The results of both bacteriological and chemical analyses have at all times proved satisfactory,

The water has no plumbo-solvent action.

No contamination has occurred.

All properties within the area of supply have mains supply direct to the house with the exception of the following :—

Writtle Road—		
" Bedfords "	1	
" Hillcroft "	1	
	—	2
Water is available at stopcocks but services have not been picked up.		
Widford Hall Lane—		
Robjohns Farm..	1	
	—	1
Horse and Groom Lane—		
Eight cottages	8	
	—	8
		—
Total		11
		—
Supply by means of Stand-pipes	Nil.	

Sewers Laid During Year.

New Housing Etates—

Melbourne Park—

Site 1C	Soil sewer 685 yards.
	Surface water sewer 860 yards.

Chignall Estatc—

Site No. 7	Soil sewer 1,567 yards.
	Surface water sewer 767 yards.
Admirals Park (Relief Sewer)	222 yards lineal.
Hollow Lane	200 yards lineal.

There has been a considerable extension to the Cemetery during the past year in which a length of 742 yards of surface water sewer has been laid.

Rivers and Streams.

A close watch is kept on the rivers within the Borough and all possible steps taken to prevent pollution.

PUBLIC CLEANSING.

There has been no alteration in the method of refuse collection and disposal during the year.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR.

(1) By the Local Authority	237
(2) By other Local Authorities	Nil.
(3) By other Bodies or persons	80

PROMOTION OF CLEANLINESS AND ELIMINATION OF VERMINOUS CONDITIONS.

Facilities for treatment of Scabies, etc., have been in operation throughout the year.

Number of children found unclean and cleansed	131
Number of persons treated for Scabies, etc.	48

CLINIC TREATMENT CENTRES.

Service	Accommodation	Purpose	Sessions	By whom provided
Minor Ailments Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation and Treatment of School Children.	Daily, Monday and Friday, 9–10 a.m.	Local Authority, Essex County Council for School Children.
Eye Clinic.	Public Health Department, Coval Lane, Chelmsford.	Children under five years and Consultation and Treatment of School Children.	Each Tuesday and Thursday, 9 a.m. to noon.	Local Authority, Essex County Council for School Children.
Dental Clinic.	Public Health Department, Coval Lane, Chelmsford.	Children under five years—Consultation and Treatment of School Children and for Expectant and Nursing Mothers.	School Children daily. Maternity and Child Welfare, two sessions per week by appointment.	Local Authority, Essex County Council for School Children.
Immunization Clinic.	Public Health Department, Coval Lane. Chelmsford.	Immunization for Children under five, and School Children.	First Thursday in every month.	Local Authority.
Maternity and Child Welfare Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation, etc.	Each Tuesday, Thursday and Friday, 2 p.m. to 4 p.m.	Local Authority.
Maternity and Child Welfare Clinic.	Moulsham Clinic, "Highfield," London Road, Chelmsford.	Consultation, etc.	Each Wednesday, 2 p.m. to 4 p.m.	Local Authority.
Ante-Natal Clinic.	Moulsham Clinic, "Highfield," London Road, Chelmsford.	Appointments only.	Each Friday, 1.30 p.m. to 3 p m.	Local Authority.
Ante-Natal and Post-Natal Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation, etc.	Each Wednesday at 1.30 p.m.	Local Authority.
Orthopaedic Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation and Treatment.	2nd, 3rd and 4th Mondays in each month at 1.30 p.m.	Local Authority and Essex County Council Joint.
Orthopaedic Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation and Treatment. Specialist attends.	Approximately eight sessions in year.	Essex County Council.
Aural Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation and Treatment.	By arrangement with Specialist.	Local Authority and Essex County Council Joint.
Birth Control Clinic.	New Writtle Street, Chelmsford.	Consultation and Treatment.	2nd and 4th Thursdays in each month at 10 a.m.	Local Authority and Essex County Council Joint.
Day-Time Nurseries.	Waterloo Lane, Chelmsford.	For children 0–2 years of age of priority and Industrial workers.	7.30 a.m. to 6 p.m. daily. 7.30 a.m. to 12.30 p.m. Saturdays.	Local Authority.
Venereal Diseases Clinic.	Chelmsford and Essex Hospital, New Writtle Street, Chelmsford.	Consultation and Treatment.	Thursday, 4 to 6 p.m. Friday, 10.30 to noon. Doctor in attendance. Daily—From 5–6 p.m. Doctor not in attendance.	Essex County Council.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) NOTIFIED DURING THE YEAR 1947.

Disease	Total cases	Notification at Ages												Cases admitted to Hospital	Total Deaths	Total cases notified in each Ward			
		Under 1 year	1–2	2–3	3–4	4–5	5–10	10–15	15–20	20–35	35–45	45–65	Over 65			North Ward	South Ward	East Ward	West Ward
Puerperal Pyrexia	35	—	—	—	—	—	—	—	2	27	5	1	—	33	—	—	33	1	1
Scarlet Fever	4	—	—	—	—	—	2	1	—	1	—	—	—	3	—	1	2	—	1
Measles	144	6	10	23	15	22	49	6	3	6	3	1	—	—	—	30	40	47	27
Whooping Cough	15	—	1	—	3	4	6	—	—	—	—	1	—	1	—	4	8	1	2
Pneumonia	2	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	2	—	—
Jaundice	8	—	—	—	—	—	2	1	—	4	—	—	1	—	—	—	5	2	1
Erysipelas	3	—	—	—	—	—	—	—	—	—	2	1	—	1	—	1	—	2	—
Para-Typhoid B.	1	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	1
Polio-myelitis	6	—	1	—	—	—	—	2	1	1	—	1	—	6	—	—	1	1	4
Cerebro-Spinal Meningitis ..	1	1	—	—	—	—	—	—	—	—	—	—	—	1	1	1	—	—	—
Totals	219	7	12	23	19	26	59	10	6	40	10	5	2	46	1	37	91	54	37

TUBERCULOSIS.

New Cases and Mortality During 1947.

	New Cases				Deaths			
	Respiratory		Non-Respiratory.		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year	—	—	—	—	—	—	—	—
1 to 5 years	1	1	—	—	—	—	—	—
5 to 15 ,, ...	1	—	—	—	—	—	—	—
15 to 25 ,, ...	4	3	1	2	1	—	—	—
25 to 35 ,, ...	6	7	2	1	—	—	1	—
35 to 45 ,, ...	4	2	1	1	—	1	—	—
45 to 55 ,, ...	2	2	—	—	1	—	—	—
55 to 65 ,, ...	2	—	—	—	1	—	—	—
Over 65	—	1	—	—	—	—	—	—
Totals ..	20	16	4	4	3	1	1	—

Non-notified Tuberculosis Deaths 6
Total Tuberculosis Deaths 11

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.

Statement of Particulars of Cases of Tuberculosis, compiled from the Register for the Year ended 31st December, 1947.

	Pulmonary			Non-Pulmonary			Pulmonary and Non-Pulmonary Total
	Males	Females	Total	Males	Females	Total	
(1) Number of cases on the Register on the 1st January, 1947	166	90	256	72	68	140	396
(2) Number of cases notified to me under the Regulations for the first time during the year	19	13	32	4	3	7	39
(3) Number of cases added to the Register during the year which have been brought to my notice otherwise than by notification	1	3	4		1	1	5
(4) Number of cases removed from the Register during the year	6	5	11	—	2	2	13
(5) Number of cases remaining on the Register on 31st December, 1947	180	101	281	76	70	146	427

OPHTHALMIA NEONATORUM.

Cases			Vision unimpaired	Vision impaired	Total blindness	Deaths
No. Notified	Treated					
	At Home	Hospital				
—	—	—	—	—	—	—

CASES TREATED IN JOINT ISOLATION HOSPITAL.

1947	Scarlet Fever	Diphtheria	Erysipelas	Measles	German Measles	Whooping Cough	Mumps	Cerebro-Spinal Meningitis	Chicken Pox	Pneumonia	Scabies	Impetigo	Other Diseases	Typhoid Fever	Anterior Poliomyelitis	Total
January	4	—	—	1	—	—	—	—	—	—	—	—	2	—	—	7
February	3	—	—	6	—	1	—	—	—	1	—	1	1	—	—	13
March	2	—	—	10	—	—	—	1	—	1	—	—	4	—	—	18
April	2	—	—	1	3	—	—	—	—	1	—	1	5	—	—	13
May	2	—	2	—	2	—	—	—	—	—	—	—	4	—	—	10
June	1	—	—	2	1	1	—	—	1	—	—	—	4	1	1	12
July	2	—	1	—	—	—	—	—	—	—	—	—	3	—	1	7
August	—	1	—	—	—	—	—	—	—	—	—	—	12	—	3	16
September ..	—	—	—	—	—	—	—	—	—	—	—	—	12	—	7	19
October	2	—	1	—	—	—	—	—	1	—	1	2	2	—	7	16
November	4	—	1	1	—	—	—	—	—	—	—	—	—	—	2	8
December	—	—	1	—	—	1	—	—	—	—	—	1	2	—	—	5
Totals ..	22	1	6	21	6	3	1	1	2	3	1	5	51	1	21	144
Patients remaining from 1946 ..	3	—	—	—	—	—	1	—	—	—	—	—	—	—	—	4
Total No. of patients treated during 1947	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	148
Discharged during the year ..	25	1	6	21	6	2	1	1	2	3	1	5	51	1	17	143
Deaths	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
Patients remaining 31st December, 1947	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1

Of the patients admitted during the year, 47 came from Borough of Chelmsford, 55 came om Chelmsford Rural District, 14 came from Ongar, 3 came from H.M. Forces, 19 came from unmow, 1 came from Pleshey, 2 came from Witham, 2 came from Braintree, 1 came from hingford.

WORK CARRIED OUT BY SANITARY INSPECTOR'S DEPARTMENT
YEAR ENDED 31st DECEMBER, 1947.

SANITARY INSPECTION OF THE AREA.

1. Inspections of Dwelling Houses During the Year.

(1) (*a*) Total number of dwelling houses inspected for housing defects :—

Public Health Act	899	1,525
Housing Act	626	

(*b*) Number of Inspections made for the purpose :—

Public Health Act	1,669	2,803
Housing Act	1,134	

(2) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .. .. Nil.

(3) Number of dwelling houses (exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human habitation :—

Public Health Act	408	695
Housing Act	287	

2. Remedy of Defects during the Year without Service of Formal Notices.

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority's Officers :—

Public Health Act	289	571
Housing Act	282	

3. Action under Statutory Powers during the Year.

Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which notices were served requiring repairs 11

(2) Number of dwelling houses which were rendered fit after service of formal notices :—

(*a*) By owners 3
(*b*) By the Local Authority in default of owners .. 2

Summary or Work carried out as a result of Notices Served or Recommendations made.

Housing Act, 1936.

Informal notices issued	282
,, ,, complied with	153
Statutory notices issued	11
,, ,, complied with	5

Public Health Act, 1936.

Informal notices issued	406
,, ,, complied with	289
Statutory notices issued	6
,, ,, complied with	3

Food and Drugs Act, 1938.

Informal notices issued	16
,, ,, complied with	17

Factories Act, 1937.

Informal notices issued	10
,, ,, complied with	17

Work carried out.

Wash basins renewed	8
Windows repaired	11
Sash cords renewed	9
New sinks provided	8
Water services renewed	44
Water pipes repaired	2
Water fittings renewed	2
Fire grates repaired	13
Fire grates renewed	13
Rooms cleansed and decorated	2
Staircases repaired	1
Floors repaired or renewed	29
Washing coppers repaired	1
House doors repaired	6
Hot water installations repaired	1
Waste pipes renewed	6
External brickwork repaired	25
Wall plaster repaired	15
Ceiling plaster repaired	8
Eaves guttering and fall pipes renewed	18
W.c's. provided	1
W.c's. repaired	171
Roofs repaired	24
Chimney stacks repaired	5
House redrained	6
Drains cleansed	73
Drains repaired	4
Dampness remedied	7
Cooking facilities provided	1
Dust bins provided	29
Verminous and dirty articles cleansed and disinfected	140

Verminous houses disinfested	36
Accummulations of refuse removed	5
Animal nuisances abated..	1
Caravans removed	2
Library books fumigated..	22

THE FOLLOWING INSPECTIONS HAVE BEEN RECORDED.

Public Health Act, 1936.

1,434 complaints have been investigated.
2,803 inspections made at dwelling houses.
324 ,, ,, at dwelling houses prior to rehousing.
293 ,, ,, at dirty or verminous houses.
60 ,, ,, of tents, vans, or sheds.
12 ,, ,, of public houses.
7 ,, ,, of schools.
37 ,, and enquiries made in connection with infectious disease.
19 ,, made in connection with pollution of watercourses.
4 ,, ,, in respect of smoke nuisances.
3 ,, ,, of lands and ditches.
9 ,, ,, of pig bins.
18 ,, ,, at swimming baths.
3 ,, ,, of N.F.S. disused water tanks.

In many cases during these inspections matters relating to minor defects and nuisances were dealt with verbally and remedies carried out in response to persuasive methods.

Food and Drugs Act, 1938.

64 inspections have been made at butchers' shops.
36 ,, ,, ,, ,, ,, cafes, restaurants and hotels.
67 ,, ,, ,, ,, ,, dairies and milkshops.
20 ,, ,, ,, ,, ,, farms (milk producers).
308 ,, ,, ,, ,, ,, food shops.
1,145 ,, ,, ,, ,, ,, slaughterhouses.
4 ,, ,, ,, ,, ,, confectionery factories.
52 ,, ,, ,, ,, ,, open market stalls.

The following carcases were examined :—4,140 beasts, 2,801 calves, 7,878 sheep, 372 pigs.

Meat condemned at slaughter houses (Government controlled) :—108,046 lbs.

The following samples were obtained and submitted for analysis, all unsatisfactory results being followed up :—

	Samples taken.	Satisfactory.	Unsatisfactory.
Milk (ungraded)	19 ..	17 ..	2
Pasteurised milk	6 ..	6 ..	—
Milk bottle rinsings	3 ..	3 ..	—
Tuberculin-tested milk ..	8 ..	8 ..	—

	Samples taken.	Satisfactory.	Unsatisfactory.
Water from well	2	—	2
Water from water cress bed	2	—	2
Ice cream	94	46	48
Ice cream powder	4	4	—
Accredited milk	2	2	—
Choc-ice	1	—	1
Jelly trifle	1	1	—
Custard	1	1	—
Meat mince	1	—	1
Liver sausage	2	—	2
Water from swimming bath	22	22	—

The following food has been condemned and surrendered as unfit :—

2,818	tins milk.	320	lbs. tea.
519	tins fruit.	400	lbs. milk powder.
173	tins peas.	132	lbs. salt biscuits.
278	tins beans.	10	lbs. bisto.
9	tins macaroni.	1	lb. farioca.
37	tins stewed steak.	278½	lbs. english beef.
5	tins beetroot.	11	lbs. dried peas.
280	tins meat and vegetable.	8	lbs. coarse cut barley.
44	tins soup.	131	lbs. pearl barley.
5	tins mixed spice.	59¾	lbs. cake.
65	tins carrots.	20½	lbs. liver.
5	tins bacon.	22	lbs. rolled oats.
16	tins steak and kidney pudding.	19	lbs. tinned ox tongue.
61	tins sausage meat.	46	lbs. beasts udders.
30	tins irish stew.	41	lbs. veal.
1	tin fish balls.	7	lbs. sponge mixture.
1	tin dried milk.	18	lbs. gallantines.
57	tins vegetable salad.	5¾	lbs. roast beef.
8	tins meat paste.	140	lbs. biscuits.
2	tins glaces.	968½	lbs. preserves.
28	tins meat loaf.	301	lbs. frozen lamb livers.
1	tin lambs tongues.	87	lbs. macaroni.
5	tins spaghetti.	126	lbs. sweet chestnuts.
2	tins christmas pudding.	3	lbs. margarine.
11	tins tomatoes.	741½	lbs. dried fruit.
4	tins pate de foie.	26	pkts. table salt.
13	tins potatoes.	11	pkts. corn flour.
1	tin cereal food.	16	pkts. custard powder.
12	tins stringless beans.	33	pkts. cereals.
2	tins champignonnieries.	3	pkts. ryvita crispbread.
4	tins spinach.	656	pkts. cake and pudding mixtures.
12	tins tomato juice.		

25	tins fruit juice.	6	jars beef extract.
1	tin chicken.	1	jar marmite.
263	tins various fish.	55	jars fish paste.
262	lbs. bacon.	1	jar Brands baby food.
138¼	lbs. cheese.	2	jars essence of rennett.
8	lbs. cake flour.	1	jar salad dressing.
136½	lbs. pork luncheon meat.	50	jars herrings with vegetables.
112	lbs. sausage meat.	26	jars pickles.
144½	lbs. butter.	2	ozs. cream tartar.
1,759½	lbs. corned beef.	140	gals. milk.
79½	lbs. sugar.	24	gals. ice cream.
4	lbs. dried egg.	6	cwts. coffee.
91	lbs. oatmeal.	27	bars chocolate.
161	lbs. semolina.	1	bottle vinegar.
23	lbs. liquorice.	3	bottles coffee.
16	lbs. syrup.	1	bottle olives.
66	lbs. self raising flour.	1	bottle custard flavour.
9	lbs. chocolates.	74½	stones dried fish.
1,620¾	lbs. frozen beef.	197½	stones wet fish.
52½	lbs. sweets.	27	table jellies.
14	lbs. poultry.	720	eggs.
15	lbs. imported pork.	70	beef cubes.
272¾	lbs. frozen mutton.	396	ice cream brickettes.
42½	lbs. sponge cake.	18	chickens.
50	lbs. liver sausage.	72	fish cakes.

692 assorted cakes and buns.

Rats and Mice (Destruction) Act, 1919.

Infestation Order, 1943.

During the year 1,347 visits have been made to infested premises and 4,410 treatments applied.

Factories Act, 1937.

6 inspections have been made at bakehouses.
148 ,, ,, ,, ,, factories and workplaces.